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RAW SEQUENCE LISTING
PATENT APPLICATION US/09/292,723

DATE: 04/28/1999

TIME: 09:47:10

Input Set: I292723.RAW

This Raw Listing contains the General Information
Section and up to first 5 pages.

*see
P. 5***ENTERED**

1 <110> APPLICANT: Cedars-Sinai Medical Center
2 Readhead, Carol W.
3 Winston, Robert
4 Koeffler, H. Phillip
5 Muller, Carsten
6 <120> TITLE OF INVENTION: Transfection, Storage and Transfer of
7 Male Germ Cells for Generation of Selectable Transgenic Stem
8 Cells
9 <130> FILE REFERENCE: P07 41795
10 <140> CURRENT APPLICATION NUMBER: US/09/292,723
11 <141> CURRENT FILING DATE: 1999-04-15
12 <150> EARLIER APPLICATION NUMBER: US 09/191,920
13 <151> EARLIER FILING DATE: 1998-11-13
14 <150> EARLIER APPLICATION NUMBER: US 60/065,825
15 <151> EARLIER FILING DATE: 1997-11-14
16 <150> EARLIER APPLICATION NUMBER: US 09/272,443
17 <151> EARLIER FILING DATE: 1999-03-19
18 <150> EARLIER APPLICATION NUMBER: PCT/US98/24238
19 <151> EARLIER FILING DATE: 1998-11-13
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24 <212> TYPE: DNA
25 <213> ORGANISM: HUMAN
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30 gccccccgta taaggacccc agggactcct ctccccacgc ggccggggccg cccgcccggc 240
31 ccccagcccc gagagctgcc accgaccccc tcaacgtccc aagccccagc tctgtcgcgc 300
32 gcgttccttc ctcttcctgg gccacaatct tggttttccc gggccggctt cacgcagttg 360
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42 ccgtcgcccg ttgggccctc aggggcctga acgcccaggg gtcgcggcga gtccacccgg 960
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44 ggtcggcatg gaaacgctcc cgctaggtcc gggggcgccg ctgattggcc gattcaacag 1080

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47      cctgccccgc  ccggccccgc  ccggccctgc  ccaaccctgc  cccgccctgc  cccgcccagc  1260
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58      tgcactgcag  caaccccaag  agtggagttg  tgctggctac  agtggcccg  ggtcccgatg  1920
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86      agcgagttag  gtgagcaggt  cgccatggcg  atgcggcccc  ggagagcgca  cgctgccgc  1020
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94      cc  1442

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102 <221> NAME/KEY: mutation
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107      cctcaacgtc ccaagcccca gctctgtcgc ccgcgttcc tctcttccct gggccacaat      180
108      cttggctttc ccgggcccgc ttcacgcagt tgccgaggag ccgcggggg aagacctctc      240
109      gtggggacct cgagcacgac gtgcgaccct aaatccccac atctcctctg ccgcctcgca      300
110      ggccacatgc accgggagcc gggcggggca ggcgcgggcc gcaaggacct ccgcgatgga      360
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117      ccgggcggag acgcacagct ggagctggag ggccgtcgcc cgttggggcc tcaggggcct      780
118      gaacgcccag gggtcgcggc gagtccacct ggagcgagtc aggtgagcag gtcgccatgg      840
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120      ccggggggcg cgctgattgg ccgattcaac agacgcgggt gggcagctca gccgcacgc      960
121      taagcccggc cgctcccag gctggaatcc ctcgacactt ggtccttccc gcccgcctct      1020
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134 <221> NAME/KEY: mutation
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139      gtcagggtgag caggtcgcca tggcgatgcg gccccggaga gcgcacgcct gccgcggtcg      180
140      gcatggaaac gctcccgcta ggtccggggg cgccgctgat tggccgattc aacagacgcg      240
141      ggtgggcagc tcagccgcat cgctaagccc ggccgcctcc caggctggaa tccctcgaca      300
142      cttggtcctt cccgccccgc ccttcctgtc cctgcccttc cctgcccttc cccgcctgc      360
143      cccgccccgc ccggccccgc cctgcccac cctgccccgc cctgccccgc ccagccggcc      420
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162      accgcgatcc tccagtgcac ttgccagttg ttccggacac atagaaagat aacgacggga      360
163      agacggggcc ccgtttgggg tccaggcagg ttttggggcc tcctgtctgg tgggaggagg      420
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177      cccaaccctg ccccgccctg ccccgccag ccggccacct cttaaccgag atcctccagt      180
178      gcacttgcca gttgttccgg acacatagaa agataacgac gggaagacgg ggccccgttt      240
179      ggggtccagg caggttttgg ggccctcctgt ctggtgggag gaggccgcag cgcagacccc      300
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209      gttgttccg acacatagaa agataacgac gggaagacgg ggccccgttt ggggtccagg      180
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215      <213> ORGANISM: HUMAN
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243      <220> FEATURE:
244      <221> NAME/KEY: promoter

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Please Note:
Use 'n' and/or 'Xaa' have been detected in the Sequence Listing. Please review the
Sequence Listing to ensure that a corresponding explanation is presented in the <220> to
<223> fields of each sequence which presents at least one 'n' or 'Xaa'.

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VERIFICATION SUMMARY
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Line	? Error/Warning	Original Text
299	W "N" or "Xaa" used: Feature required	ggccacgcgt cgactagtac gggnnngggnn gggnnng